

VIDYARTHI VIGYAN MANTHAN (VVM) 2022-23

Evaluation Scheme for State Level Camp (SLC)

The second component of the evaluation of Vidyarthi Vigyan Manthan (VVM) after screening the First Level ONLINE Exam is State Level Camp (SLC). All the selected students for SLC have successfully cleared the first round and have demonstrated their excellence through an online written examination. The team VVM congratulates all the successful candidates for their success. The total duration of the exam at the SLC will be around **4 Hrs.**

There will be a one/two days camp for the selected students in their respective state. The date and time along with the venue details, will be published on the home page of VVM's website. The same will be communicated to the students by their respective state coordinator/s as well. In the State Level Camp, students will be given an opportunity to showcase their talent under the following Groups of activities.

The SLC will have the components as given in the table:

S. N.	Component/Sections	Duration	Weightage
1	A. Application Oriented Scholastic Aptitude Test (AOSAT) questions from Physics, Chemistry, Biology, and Math, based on the NCERT syllabus	60 minutes	20% (20 Marks)
	B. Indian Contribution and Advancement in Science and Technology (ICAST): Sustainable Development in four selected areas viz. 1) Food and Agriculture, 2) Water and Irrigation, 3) Energy resources and 4) Urban and Industrial development The details and a brief write-up are given in Annexure-A. Students will have to search and prepare on their own. No study material for the same will be provided.		30% (30 Marks)
2	Experimental Skill Test (EST) in Physics, Chemistry, Biology and Math, based on academic knowledge of NCERT of the respective class	120 minutes	40% (40 Marks)
3	Integrated Crossword Question (ICQ)	30 minutes	10% (10 Marks)

1. Application Oriented Scholastic Aptitude Test (AOSAT)

It will be a paper-pen test where participants are required to solve some questions, may plot some graphs on given data and interpret them to draw conclusions. The duration of this part is 30 min.

These questions will be based on the NCERT curriculum of the respective classes. 5 Marks questions on each Physics, Chemistry, Biology and Math will be there. Students of class 11th can attempt only Math or Biology question.

All the questions in science and math will be based on the NCERT curriculum in the respective group. The students will be divided into two groups viz. Junior Group (Class VI, VII, and VIII) and Senior Group (Class IX, X, and XI). There will be separate papers for Junior and Senior groups.

2. Indian Contribution and Advancements in Science and Technology (ICAST)

It will be a paper-pen examination, and questions will be in the form of MCQs. Total duration of this part is 20-30 min.

Indian Contribution and Advancements in Science and Technology (ICAST) (30 Marks): This year, emphasis has been given to make students aware of the ongoing research and innovations in the field of Sustainable Development in various sectors of Science and Technology within our country. Students should develop a clear vision of how science is involved in daily life and activities of the common man and how it evolves due to deeper scientific research as its base. They should become aware of career opportunities in the areas of pure and applied scientific research and develop a genuine urge to aspire for higher education in these fields. The theme and focused areas for the Junior and Senior levels are the same. Details related to a theme and focused areas for the Junior and Senior level, the pattern of questions to be asked, and the suggestive reading material links are given in **Annexure-A**.

The students will be divided into two groups viz. Junior Group (Class VI, VII, and VIII) and Senior Group (Class IX, X, and XI). There will be separate papers for Junior and Senior groups.

3. Experimental Skill Test (EST) in Physics, Chemistry, Biology, and Math

Hands-on activity based on contents of NCERT curriculum of the respective class. Students will be given 20+5 min for each subject to perform activities in Physics, Chemistry, Biology and Math i.e. total 120 minutes.


For 11th class students, the weightage of Math or Biology will be doubled, and they will have the option to attempt only one of them, depending on their choice.

4. Integrated Crossword Question (ICQ) (10 Marks):

An Integrated Crossword Question will be provided to the students on paper. They will be provided with instructions and hints to complete the Crossword Puzzle based on their knowledge. Total time to complete this part is 30 min.

Maximum marks of SLE will be 100. Out of these, 30 Marks for **ICAST**, 20 Marks for AOSAT, 40 marks for **EST**, and 10 marks for **ICQ**.

The result of the state-level Camp and the list of selected students for the national level Camp will be declared on the same day before 05:00 PM.


Dr. Brajesh Pandey
Controller of Examination




Dr. Arvind C Ranade
National Convener General